

Title (en)  
MANUFACTURING METHOD OF DISPLAY APPARATUS, INTERPOSER SUBSTRATE, AND COMPUTER PROGRAM STORED IN READABLE MEDIUM

Title (de)  
HERSTELLUNGSVERFAHREN EINER ANZEIGEVORRICHTUNG, INTERPOSERSUBSTRAT UND COMPUTERPROGRAMM, DAS IN EINEM LESBAREN MEDIUM GESPEICHERT IST

Title (fr)  
PROCÉDÉ DE FABRICATION D'UN APPAREIL D'AFFICHAGE, SUBSTRAT D'INTERPOSEUR ET PROGRAMME INFORMATIQUE STOCKÉ DANS UN SUPPORT LISIBLE

Publication  
**EP 3997735 A1 20220518 (EN)**

Application  
**EP 20875735 A 20201008**

Priority  
• KR 20190127573 A 20191015  
• KR 2020013768 W 20201008

Abstract (en)  
[origin: US2021110748A1] A method of manufacturing a display apparatus includes performing a first repair process of detecting a first defective light emitting diode (LED) from among a plurality of LEDs provided on a sapphire substrate and removing the first defective LED; attaching the plurality of LEDs to electrode patterns of an interposer substrate and separating the sapphire substrate from the plurality of LEDs; and performing a second repair process of detecting a second defective LED among the plurality of LEDs attached to the electrode patterns and replacing the second defective LED.

IPC 8 full level  
**H01L 27/15** (2006.01); **H01L 21/66** (2006.01); **H01L 33/00** (2010.01)

CPC (source: CN EP KR US)  
**G09G 3/006** (2013.01 - CN EP US); **G09G 3/3225** (2013.01 - EP); **H01L 22/20** (2013.01 - CN); **H01L 22/30** (2013.01 - KR); **H01L 25/0753** (2013.01 - CN); **H01L 27/156** (2013.01 - KR US); **H01L 33/0045** (2013.01 - KR); **H01L 33/0095** (2013.01 - CN EP); **H01L 33/38** (2013.01 - US); **H01L 33/62** (2013.01 - US); **G09G 2300/0426** (2013.01 - EP); **H01L 25/0753** (2013.01 - EP); **H01L 2224/0344** (2013.01 - KR)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (publication)  
**US 11710431 B2 20230725**; **US 2021110748 A1 20210415**; CN 114467186 A 20220510; EP 3997735 A1 20220518; EP 3997735 A4 20221207; KR 20210044430 A 20210423; WO 2021075794 A1 20210422

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